

Confirmation No.: 7018  
Date of Notice of Allowance: January 28, 2009  
Serial No.: 10/032,116  
Attorney Docket No. 4208-4041

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Rod Walsh et al.

Group Art Unit: 2419

Serial No.: 10/032,116

**Examiner:** Thong H. Vu

Filed: December 21, 2001

## For: METHOD TO IMPROVE PERCEIVED ACCESS SPEED TO DATA NETWORK CONTENT USING A MULTICAST CHANNEL AND LOCAL CACHE

**Mail Stop Issue Fee**

## Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## **ISSUE FEE TRANSMITTAL LETTER**

Sir:

In response to the Notice of Allowability mailed January 28, 2009, Applicants submits herewith the Issue Fee Transmittal Form. The Commissioner is hereby authorized to charge \$1,813.00 to cover the Issue Fee Due (\$1,510), the Publication Fee Due (\$300) and an advance order of one (1) copy of the patent (\$3) to Deposit Account No. 504827, Order No. 4208-4041.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any over payment, to Deposit Account No. 504827, Order No. 4208-4041.

Respectfully submitted,  
Locke Lord Bissell & Liddell LLP

Bv:

Peter N. Fill

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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE

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27123 7590 01/28/2009

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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|  | (Depositor's name) |
|  | (Signature)        |
|  | (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/032,116      | 12/21/2001  | Rod Walsh            | 4208-4041           | 7018             |

TITLE OF INVENTION: METHOD TO IMPROVE PERCEIVED ACCESS SPEED TO DATA NETWORK CONTENT USING A MULTICAST CHANNEL AND LOCAL CACHE

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO           | \$1510        | \$300               | \$0                  | \$1810           | 04/28/2009 |

| EXAMINER    | ART UNIT | CLASS-SUBCLASS |
|-------------|----------|----------------|
| VU, THONG H | 2419     | 709-232000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list
- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
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- 1 Locke Lord Bissell & Liddell LLP  
2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Nokia Corporation

Espresso, Finland

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

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5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

(order no. 4208-4041)

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Date February 13, 2009

Typed or printed name

Peter N. Fill

Registration No. 38,876

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